

## WEST Search History





DATE: Friday, July 27, 2007

| Hide?                    | <u>Set Name</u>  | <u>Query</u>   | <u>Hit Count</u> |
|--------------------------|--|--|------------------|
|                          | <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> |  |                  |
| <input type="checkbox"/> | L96  | L94 and lost circulation   | 2                |
| <input type="checkbox"/> | L95  | L94 and fluid loss   | 4                |
| <input type="checkbox"/> | L94  | L43 and L42 and L40 and L33 and L27  | 40               |
| <input type="checkbox"/> | L93  | L44 and lost circulation   | 0                |
| <input type="checkbox"/> | L92  | L44 and fluid loss   | 1                |
| <input type="checkbox"/> | L91  | L90 and L35  | 1                |
| <input type="checkbox"/> | L90  | L89 and L33  | 6                |
| <input type="checkbox"/> | L89  | L88 and (L32 or L41)   | 13               |
| <input type="checkbox"/> | L88  | L86 and L27  | 13               |
| <input type="checkbox"/> | L87  | L86 and L8   | 0                |
| <input type="checkbox"/> | L86  | L85 and @ad<20020912   | 13               |
| <input type="checkbox"/> | L85  | L84 not L81 not L83  | 31               |
| <input type="checkbox"/> | L84  | L77 and L58  | 36               |
| <input type="checkbox"/> | L83  | L78 and L58  | 5                |
| <input type="checkbox"/> | L82  | L81 not L79  | 0                |
| <input type="checkbox"/> | L81  | L80 and L58  | 12               |
| <input type="checkbox"/> | L80  | L79 or L78   | 1271             |
| <input type="checkbox"/> | L79  | L75 and L8   | 1271             |
| <input type="checkbox"/> | L78  | L77 and L8   | 810              |
| <input type="checkbox"/> | L77  | L76 and L7   | 3934             |
| <input type="checkbox"/> | L76  | L73 or L72 or L71 or L70 or L15  | 31778            |
| <input type="checkbox"/> | L75  | L74 and L7   | 10825            |
| <input type="checkbox"/> | L74  | L73 or L72 or L71 or L70 or L26 or L15   | 104973           |
| <input type="checkbox"/> | L73  | super absorbent or water absorbent or liquid absorbent or superabsorbent         | 28949            |
| <input type="checkbox"/> | L72  | (acrylonitrile-graft\$2 near3 starch) or (acrylonitrile graft\$2 near3 starch)   | 1879             |
| <input type="checkbox"/> | L71  | (starch-graft or starch graft) near5 (polymer or copolymer)                      | 1167             |
| <input type="checkbox"/> | L70  | (starch-polyacrylonitrile graft) or (starch near3 polyacrylonitrile near3 graft) | 406              |
| <input type="checkbox"/> | L69  | L61 and L26  | 9                |
| <input type="checkbox"/> | L68  | L61 and L26 and L15  | 2                |
| <input type="checkbox"/> | L67  | L43 and L61  | 2                |

|                          |     |  |         |
|--------------------------|-----|--|---------|
| <input type="checkbox"/> | L66 | L65 and @ad<20020912   | 3       |
| <input type="checkbox"/> | L65 | L64 and L33  | 8       |
| <input type="checkbox"/> | L64 | L63 and (L35 or L37)   | 8       |
| <input type="checkbox"/> | L63 | L62 and L27  | 8       |
| <input type="checkbox"/> | L62 | L61 and (L26 or L15) and (L32 or L41)  | 8       |
| <input type="checkbox"/> | L61 | L60 and L58  | 174     |
| <input type="checkbox"/> | L60 | L7 and L8  | 139412  |
| <input type="checkbox"/> | L59 | L58 and L9   | 73      |
| <input type="checkbox"/> | L58 | 507/\$.cccls.  | 9846    |
| <input type="checkbox"/> | L57 | L56 and @ad<20020912   | 12      |
| <input type="checkbox"/> | L56 | L55 and L35  | 21      |
| <input type="checkbox"/> | L55 | L54 and L33  | 26      |
| <input type="checkbox"/> | L54 | L53 and L41  | 39      |
| <input type="checkbox"/> | L53 | L52 and L27  | 128     |
| <input type="checkbox"/> | L52 | L9 and L26   | 128     |
| <input type="checkbox"/> | L51 | L50 and @ad<20020912   | 11      |
| <input type="checkbox"/> | L50 | L48 and L7   | 26      |
| <input type="checkbox"/> | L49 | L48 and L9   | 0       |
| <input type="checkbox"/> | L48 | L47 and L8   | 142     |
| <input type="checkbox"/> | L47 | L26 and L27 and L32 and L33 and L40 not L45  | 3300    |
| <input type="checkbox"/> | L46 | L45 not L44  | 3       |
| <input type="checkbox"/> | L45 | L9 and L26 and L27 and L32 and L33 and L40   | 6       |
| <input type="checkbox"/> | L44 | L43 and L42 and L40 and L33 and L27 and L9   | 3       |
| <input type="checkbox"/> | L43 | L26 same L15   | 1468    |
| <input type="checkbox"/> | L42 | L41 same L32   | 54221   |
| <input type="checkbox"/> | L41 | L29 or L28   | 267193  |
| <input type="checkbox"/> | L40 | L39 same L37   | 41280   |
| <input type="checkbox"/> | L39 | L38 or L35   | 2590538 |
| <input type="checkbox"/> | L38 | boron or boric acid  | 354015  |
| <input type="checkbox"/> | L37 | L36 or L34   | 468613  |
| <input type="checkbox"/> | L36 | cross-link\$3 or cross link\$3   | 247301  |
| <input type="checkbox"/> | L35 | borate or borax or diborate or tetraborate polybor\$2 or zirconium or zr or zinc or zn or titanium or ti | 2425189 |
| <input type="checkbox"/> | L34 | crosslink\$3   | 300496  |
| <input type="checkbox"/> | L33 | polyol or glycerol or glycol or polyglycol   | 783231  |
| <input type="checkbox"/> | L32 | L31 or L30   | 1186494 |
| <input type="checkbox"/> | L31 | cmhpg or (\$4vinyl alcohol) or \$4acrylate or \$4pyrrolidone or \$4acrylamide                            | 707401  |

polysaccharide or cellulose or starch or (guar gum) or (hydroxypropyl guar) or

|                          |     |  |         |
|--------------------------|-----|--|---------|
| <input type="checkbox"/> | L30 | (carboxymethylhydroxypropyl guar) or xanthan or succinoglycan or (galactomannan gum)         | 725998  |
| <input type="checkbox"/> | L29 | viscosif\$4 or thicken\$4  | 267193  |
| <input type="checkbox"/> | L28 | viscosifying near10 (polymer or copolymer)   | 703     |
| <input type="checkbox"/> | L27 | brine or water or aqueous  | 4776783 |
| <input type="checkbox"/> | L26 | L25 or L24 or L23 or L22 or L20 or L19 or L18 or L17   | 77982   |
| <input type="checkbox"/> | L25 | salsorb or arasorb or aqualic or (aqua keep)or sanwet or waterlock or water lock or aquatrix | 2538    |
| <input type="checkbox"/> | L24 | carboxymethylcellulose or aquasorb   | 69083   |
| <input type="checkbox"/> | L23 | isobutylene near5 (maleic anhydride)   | 3661    |
| <input type="checkbox"/> | L22 | (crosslink\$2 near5 \$4acrylate) near10 (salt or sodium or potassium)                        | 1240    |
| <input type="checkbox"/> | L21 | (crosslink\$@ near5 \$4acrylate) near10 (salt or sodium or potassium)                        | 0       |
| <input type="checkbox"/> | L20 | \$4acrylamide near5 \$4acrylic acid near10 salt  | 1872    |
| <input type="checkbox"/> | L19 | starch near5 graft\$2 near5 \$4acrylamide  | 468     |
| <input type="checkbox"/> | L18 | starch near5 graft\$2 near5 \$4acrylate  | 1243    |
| <input type="checkbox"/> | L17 | L16 or L13   | 2653    |
| <input type="checkbox"/> | L16 | starch near5 graft\$2 near5 \$4acrylonitrile   | 2653    |
| <input type="checkbox"/> | L15 | (L14 or L11 or L10) near10 (polymer or copolymer)  | 10214   |
| <input type="checkbox"/> | L14 | liquid near10 absorbent  | 33903   |
| <input type="checkbox"/> | L13 | starch near5 graft near5 \$4acrylonitrile  | 1761    |
| <input type="checkbox"/> | L12 | (L11 or L10) near10 polymer  | 9057    |
| <input type="checkbox"/> | L11 | superabsorbent   | 9094    |
| <input type="checkbox"/> | L10 | water near10 absorbent   | 31273   |
| <input type="checkbox"/> | L9  | L8 same L7   | 74178   |
| <input type="checkbox"/> | L8  | L1 or L2 or L3 or L4 or L5 or L6   | 598181  |
| <input type="checkbox"/> | L7  | wellbore or tubing or pipe   | 2001606 |
| <input type="checkbox"/> | L6  | (heat or thermal) (control or insulated)   | 38728   |
| <input type="checkbox"/> | L5  | (heat or thermal) insulati\$3  | 210645  |
| <input type="checkbox"/> | L4  | (heat or thermal) convection   | 6956    |
| <input type="checkbox"/> | L3  | (heat or thermal) conduction   | 59668   |
| <input type="checkbox"/> | L2  | (heat or thermal) loss   | 69243   |
| <input type="checkbox"/> | L1  | (heat or thermal) transfer   | 304044  |

END OF SEARCH HISTORY